

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17	disposable with (packer plug) with (downhole wellbore borehole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:47
L2	845755	packer plug	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 08:49
L3	412	L2 and ((friable frangible destruct\$4 break\$4) near5 slip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:19
L4	227	(166/376).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 09:04
L5	313	(166/179).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 09:13
L11	802	(166/134).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 09:19
L12	1	((friable frangible destruct\$4 break\$4) near5 slip near5 ((c snap) adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:25
L13	1	((friable frangible destruct\$4 break\$4) near8 slip near8 ((c snap) adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:21

## EAST Search History

L14	4	(friable frangible destruct\$4 break\$4) with slip with ((c snap) adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:21
L15	204	(friable frangible destruct\$4 break\$4) near5 slip near5 ring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/02 09:47
L16	3	("2687775").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 09:31
L17	4	("2687775").URPN.	USPAT	OR	ON	2006/11/02 09:35
L18	5	("3530934").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 09:47
L19	5	("3062295").URPN.	USPAT	OR	ON	2006/11/02 09:58
L20	217	(166/118).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 10:02
L21	233	(277/342).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 10:04
L22	116	(277/323).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 10:04
L23	92	(277/340).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/02 10:04

## EAST Search History

S1	15	disposable with (packer plug) with (downhole wellbore borehole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 09:27
S2	8	("2780294" "20030168214" "20030213601" "4720113" "5038859" "5603511" "6102117").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 14:43
S3	14	("2780294").URPN.	USPAT	OR	ON	2005/11/16 12:43
S4	215	(166/376).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 13:32
S5	23	("20030168214"   "4790385"   "4834184"   "5188183"   "5224540"   "5271468"   "5479986"   "5558153"   "5765641"   "6026903"   "6095247"   "6102117"   "6220350"   "6237688"   "6318460"   "6334488"   "6354372"   "6378606"   "6394180"   "6397950"   "6481497"   "6491116"   "6536349").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 12:53
S6	790	(166/134).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 13:33
S7	3	S4 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 13:33
S8	309	(166/179).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 13:33
S9	7	S4 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 13:33

## EAST Search History

S10	207	(166/118).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 13:46
S11	4	S4 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 13:33
S12	797954	packer plug	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 13:46
S13	396	S12 and ((friable frangible destruct\$4 break\$4) near5 slip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 13:47
S14	13	("2068659"   "2869644"   "3135327"   "3142338"   "3399729"   "3623551"   "3714983"   "5024270").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 14:03
S15	0	("5350016").URPN.	USPAT	OR	ON	2005/11/16 14:05
S16	59	("2178999"   "2598340"   "2637402"   "2703622"   "2711795"   "2713910"   "2737242"   "2966216"   "2998073"   "3000443"   "3011555"   "3024845"   "3036636"   "3082824"   "3106961"   "3131764"   "3160209"   "3181614"   "3298437"   "3298440"   "3678998"   "3695352"   "3749167"   "4146093"   "4388971"   "4427063"   "4438933"   "4440233"   "4488595"   "4537251"   "4545431"   "4572290"   "4595052"   "4600055"   "4603743"   "4610300"   "4611658"   "4627491"   "4708202").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 14:05
S17	16	("4784226").URPN.	USPAT	OR	ON	2005/11/16 14:08

## EAST Search History

S18	23	("20030168214"   "4790385"   "4834184"   "5188183"   "5224540"   "5271468"   "5479986"   "5558153"   "5765641"   "6026903"   "6095247"   "6102117"   "6220350"   "6237688"   "6318460"   "6334488"   "6354372"   "6378606"   "6394180"   "6397950"   "6481497"   "6491116"   "6536349").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 14:10
S19	15	("3362476"   "4154303"   "4160484"   "4186803"   "4216830"   "4374543"   "4423773"   "4433702"   "4541484"   "4597445"   "4691775"   "4721159"   "4813481"   "5188182").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 14:10
S20	31	("5479986").URPN.	USPAT	OR	ON	2005/11/16 14:12
S21	16	("3687202"   "4178992"   "4429741"   "4609005"   "4651818"   "4984631"   "5343956"   "5366010"   "5441111"   "5464063"   "5509476"   "5542475"   "5685372"   "5727632"   "5765641"   "5979553").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/16 14:13
S22	1	("6334488").URPN.	USPAT	OR	ON	2005/11/16 14:14
S23	14	("2780294").URPN.	USPAT	OR	ON	2005/11/16 14:15
S24	0	("2005/0173126").URPN.	USPAT	OR	ON	2005/11/16 14:15
S25	2	("6666275").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 14:28
S26	115	(277/323).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 14:44
S27	91	(277/340).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 14:53

## EAST Search History

S28	232	(277/342).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 14:44
S29	0	S4 and (S28 S26 S27)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 14:53
S30	798349	packer plug	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 12:22
S31	396	S30 and ((friable frangible destruct\$4 break\$4) near5 slip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 12:22
S32	41	S31 and (adhes\$3 glu\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 12:26
S33	37	(segment\$3 near3 slip near3 ring) and (adhes\$3 glu\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/17 12:27
S34	2	("20030213601").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 08:28
S35	2	("6808024").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 08:28

## EAST Search History

S36	12	("20020070034"   "20020121380"   "4614346"   "4791992"   "4886117"   "5404956"   "5701959"   "5913337"   "5921285"   "5941313"   "6004639"   "6173788").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/01 08:28
S37	0	("6808024").URPN.	USPAT	OR	ON	2006/11/01 08:30
S38	594	(166/123).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/01 08:30